

1 Attorney Docket No. 83307

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3 **OSCILLATING APPENDAGE FOR FIN PROPULSION**

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5 **ABSTRACT OF THE DISCLOSURE**

6 An oscillating appendage includes a vessel housing a
7 supply of pressurized fluid with reinforced tubes selectively
8 receiving the pressurized fluid from the vessel, an
9 oscillating valve for controlling the supply of pressurized
10 fluid from the vessel to the reinforced tubes, and a flexible
11 skin encompassing the vessel, the reinforced tubes, and the
12 valve. The flexible skin defines an outer shape of the
13 oscillating appendage with a tail member affixed at a terminal
14 end of the appendage to further propel the appendage by an
15 oscillating motion of the appendage.